



City of Lincoln: StarTran

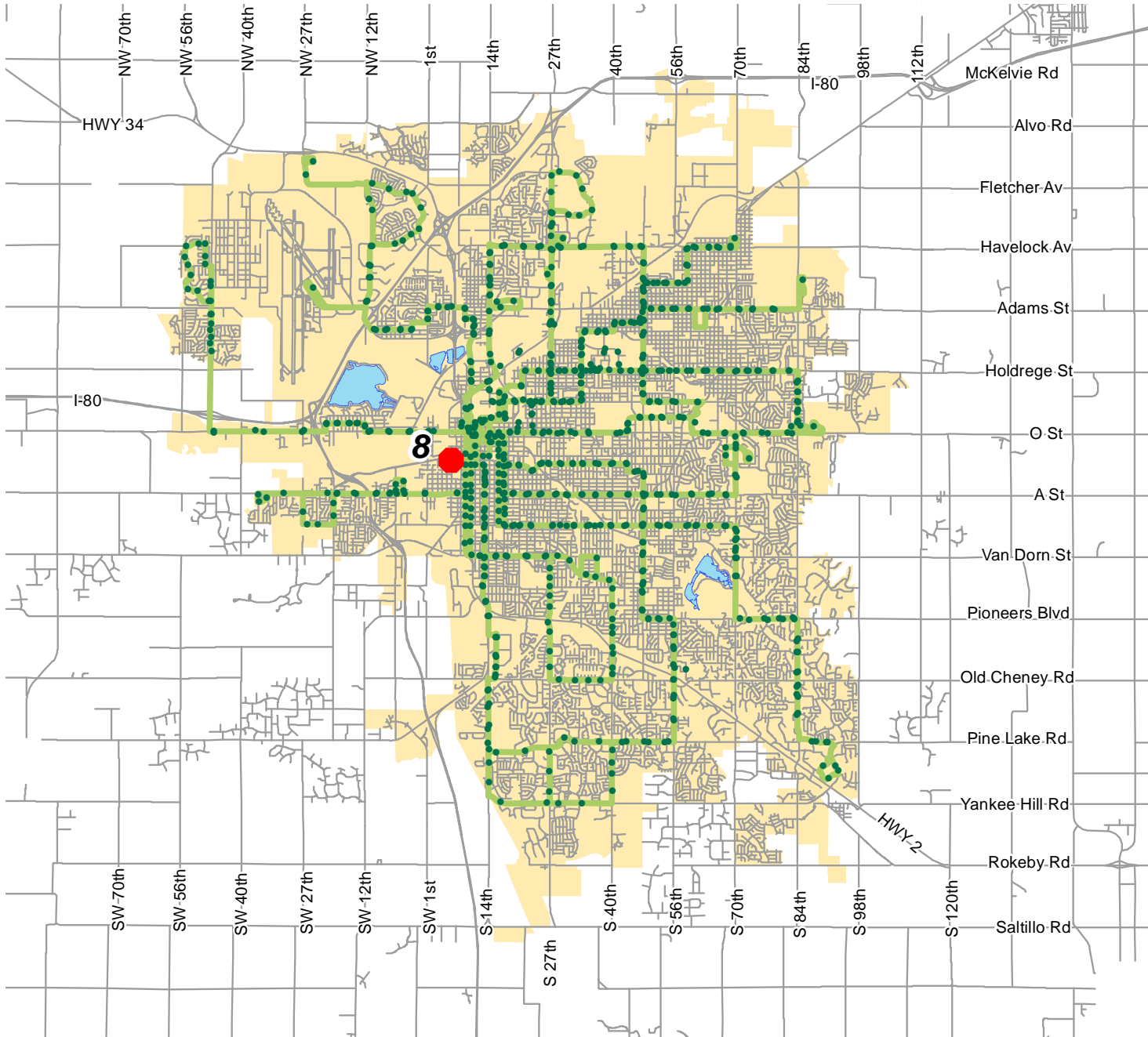
Lincoln Metropolitan Planning Organization
Transportation Improvement Program

Star Tran
FY 2019 - 2022



● Star Tran Projects

#8 Building Renovation



Consult the detailed project descriptions and funding summary for further information.

2019-2022 LINCOLN CITY/LANCASTER COUNTY, NEBRASKA TRANSPORTATION IMPROVEMENT PROGRAM		AGENCY: Public Works & Utilities DIVISION: StarTran																		
PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description) (Control Number)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS)																		
		PRIORITY PROJECTS					COST BEYOND PROGRAM	TOTAL PROJECT COSTS												
		PRIOR FISCAL YEARS	FS 2018-19	FS 2019-20	FS 2020-21	FS 2021-22														
1	<p>Since the public acquisition of the Lincoln City Lines in 1971, StarTran has been providing efficient, convenient and economical public transportation services. The services provided comply with the current LPlan 2040 Comprehensive Plan - 2016 Update. Previous capital improvement programs have included equipment essential in StarTran's provision of services. The FY 2019-2022 TIP describes capital items which will afford the opportunity for continued improvement of StarTran services. Future years include continued replacement of StarTran transit vehicles and purchase of associated equipment/items.</p> <p>Purchase / Financing of Full Size Buses A phased purchase of full-size replacement transit buses is identified as follows:</p> <table border="0"> <tr> <td><u>Buses Purchased</u></td> <td><u>Funding Accumulated</u></td> <td><u>Potential Replacement</u></td> <td><u>Delivery</u></td> </tr> <tr> <td>4</td> <td>FY 2015-16 through FY 2017-18</td> <td>4 - 2001 Gillig Buses</td> <td>CY 2019</td> </tr> <tr> <td>9</td> <td>FY 2019-20 through FY 2020-21</td> <td>9-2004 Gillig Buses</td> <td>CY2020</td> </tr> </table> <p>Local funding for the above bus purchases is comprise of City of Lincoln general revenues and the portion of the contractual funds from the University of Nebraska (StarTran/UNL Transportation Program) designated for vehicle replacement. The Federal Transit Administration (FTA) regulations allow phasing of bus purchases as an alternate to the traditional direct purchase of buses. FTA requires that full-size transit vehicles have a twelve-year economic life, although StarTran typically operates buses more than twelve years before replacement. All of the current buses being replaced as indicated above will have exceeded the required twelve years of operation. An analysis of the structural and engine conditions of the StarTran fleet is conducted annually, which is utilized to develop the replacement program of StarTran buses. The above phased bus replacement schedule is in compliance with the most recent analysis and bus replacement program. Propulsion type (CNG, Diesel) will be based upon the Alternative Fuel Vehicle Analysis.</p> <p>a. 4 Full Size Buses</p> <p>b. 9 Full Size Buses</p>	<u>Buses Purchased</u>	<u>Funding Accumulated</u>	<u>Potential Replacement</u>	<u>Delivery</u>	4	FY 2015-16 through FY 2017-18	4 - 2001 Gillig Buses	CY 2019	9	FY 2019-20 through FY 2020-21	9-2004 Gillig Buses	CY2020							
<u>Buses Purchased</u>	<u>Funding Accumulated</u>	<u>Potential Replacement</u>	<u>Delivery</u>																	
4	FY 2015-16 through FY 2017-18	4 - 2001 Gillig Buses	CY 2019																	
9	FY 2019-20 through FY 2020-21	9-2004 Gillig Buses	CY2020																	
	TOTAL	0.0	2,912.0	2,999.875	2,439.0	0.0	0.0	8,350.9												
2	<p>Handi-Van Replacement Funding in FY2018-19 to replace 2 Handivans in 2018 with 4 minivans. Current 2010 handivans are hybrid electric and will be 8 years old and past their useful life. New handivans are programmed to use gasoline or CNG fuel.</p>																			
	TOTAL	0.0	160.0	0.0	0.0	0.0	0.0	160.0												
3	<p>Transit Enhancements (required by FTA) Effective FY 2004-05, one percent of the FTA allocation to StarTran is required by FTA to fund transit enhancements. Such enhancement, in general, include bus shelters, signage, pedestrian, bicycle related equipment and landscaping. The priority of these funds will be directed towards replacement of benches and shelters at major boarding locations. Because of limited funds for transit enhancements, funding will be phased over a period until projects are completed.</p>																			
	TOTAL	0.0	40.0	40.0	40.0	40.0	0.0	160.0												
4	<p>Security Enhancements (required by FTA) Effective FY 2004-05, one percent of the FTA allocation to StarTran is required by FTA to fund security enhancements. Such enhancements, in general, include increased facility lighting, camera surveillance and facility access. The priority of these funds will be directed towards 1) StarTran facility exterior security enhancements and 2) bus shelter lighting improvements. Facility security enhancements will be implemented based upon a comprehensive analysis conducted in FY 2012/2013.</p>																			
	TOTAL	0.0	90.0	40.0	40.0	40.0	0.0	210.0												

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TRANSPORTATION IMPROVEMENT PROGRAM		DIVISION: StarTran						
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5	Purchase of Supervisor Vehicle Funds are proposed in FY 2020-21 to purchase one replacement supervisor vehicles. The vehicle to be replaced is a 2010 Equinox. This SUV supervisor vehicle is meeting the unique needs of StarTran Supervisors, transporting supplies and schedules, and carrying patrons as necessary. Due to limited federal and local funds, replacement vehicle will be the lower cost of either gasoline or hybrid / alternative fuels. Propulsion type will be based upon the Alternative Fuel Vehicle Analysis.				32.0 FA 8.0 SR			
	TOTAL	0.0	0.0	0.0	40.0	0.0	0.0	40.0
6	Computer Hardware and Software Funds are proposed in FY 2018-19, FY 2019-20 and 2020-21 for continued routine upgrade/replacement of StarTran computer hardware and software. Such funding will afford the opportunity for maintaining effective computer services for StarTran administration, operators and maintenance functions. Staff training courses utilizing computerized programs are integrated as part of the continuing StarTran training program. Funding in 2018-19 is to purchase replacement AVL equipment for all vehicles. Funding in 2019-20 is to upgrade software for the AVL system. Funding in FY 2020-21 is to purchase tablets for our Handivans and upgrade the paratransit software.		400.0 FA 100.0 SR	1,040.0 FA 260.0 SR	100.0 FA 25.0 SR			
	TOTAL	0.0	500.0	1,300.0	125.0	0.0	0.0	1,925.0
7	Shop Tools / Equipment Funds are proposed every year for continued routine upgrade and replacement of tools and equipment, as well as for replacement due to unexpected breakage. Such tools and equipment include an air compressor, floor scrubber and vehicle lifts.		10.0 FA 2.5 SR	15.0 FA 3.8 SR	15.0 FA 3.8 SR	15.0 FA 3.8 SR		
	TOTAL	0.0	12.5	18.8	18.8	18.8	0.0	68.9
8	Building Renovations / Improvements Funds are included in FY 2019-20 for concrete replacement, new roof located over dispatch and middle garage, new garage doors, LED lighting throughout all facilities and new HVAC system. The current roof was installed in 1997 with a 15 year warranty and will be 21 years old in 2018. The condition of this roof is showing signs of deterioration and minor leaks.			160.0 FA 40.0 SR				
	TOTAL	0.0	0.0	200.0	0.0	0.0	0.0	200.0
9	Maintenance Facility Construction / Relocation A. Funds are proposed in FY 2017-18 to purchase and construct a new bus maintenance facility. construction of CNG fueling station. B. Purchase and install a CNG fueling station at current StarTran facility for handi-van vehicles.	3,160.9 FA 825.0 ST 736.3 SR						
	TOTAL	5,202.9	0.0	0.0	0.0	0.0	0.0	0.0
10	Multi Modal Center - Feasibility Study Conduct a study to determine the feasibility of constructing a new multi modal center and bus transfer center. Topics to study include site selection, environmental issues and funding.	100.0 FA 50.0 SR						
	TOTAL	150.0	0.0	0.0	0.0	0.0	0.0	0.0
11	New Bus Shelters Implement design standards for new bus shelters and purchase approximately 6 new shelters around the downtown area.		168.0 FA 42.0 SR					
	TOTAL	0.0	210.0	0.0	0.0	0.0	0.0	210.0
12	Electric Charging Station Purchase and install 2 electric charging stations for use with electric buses		258.312 FA 64.578 GR					
	TOTAL	0.0	322.890	0.0	0.0	0.0	0.0	322.9

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FUNDING SUMMARY								
FEDERAL								
Federal			2,779.1	3,912.9	2,284.0	79.0		9,055.0
State / Federal			0.0	0.0	0.0	0.0		0.0
General Revenue			64.6	0.0	0.0	0.0		64.6
Special Reserves			1,403.7	685.8	418.8	19.8		2,528.1
TOTAL		0.0	4,247.4	4,598.7	2,702.8	98.8	0.0	11,647.7
OPERATIONS FUNDING SOURCE SUMMARY								
Fixed Route Operations & Specialized Transportation Services for Lincoln, NE								
Section 5307 Preventative Maintenance			1,350.0	1,350.0	1,350.0	1,350.0	2,700.0	8,100.0
Section 5307 Operating and JARC - StarTran			75.0	75.0	75.0	75.0	150.0	450.0
Section 5307 Operating and JARC - Lincoln Literacy			10.0	10.0	10.0	10.0	20.0	60.0
Section 5307 ADA			280.0	280.0	280.0	280.0	560.0	1,680.0
NE (State Revenue/Aid)			1,155.0	1,100.0	1,100.0	1,100.0	2,200.0	6,655.0
GR (General Revenues - Local Funds)			6,930.0	7,050.0	7,100.0	7,100.0	14,300.0	42,480.0
SC (Service Charges - Local Funds)			3,150.0	3,150.0	3,150.0	3,150.0	5,200.0	17,800.0
TOTAL		0.0	12,950.0	13,015.0	13,065.0	13,065.0	25,130.0	77,225.0
TOTALS FOR STARTRAN FUNDING								
FEDERAL FUNDING								
Federal			2,779.1	3,912.9	2,284.0	79.0	3,473.6	12,528.6
Section 5307 Preventative Maintenance			1,350.0	1,350.0	1,350.0	1,350.0	2,700.0	8,100.0
Section 5307 Operating and JARC			85.0	85.0	85.0	85.0	202.0	542.0
Section 5307 ADA			280.0	280.0	280.0	280.0	560.0	1,680.0
SUB-TOTAL FEDERAL FUNDING		0.0	4,494.1	5,627.9	3,999.0	1,794.0	6,935.6	22,850.6
STATE FUNDING								
NE (State Revenue/Aid)			1,155.0	1,155.0	1,100.0	1,100.0	2,200.0	6,710.0
State / Federal			1,500.0					1,500.0
SUB-TOTAL STATE FUNDING		0.0	2,655.0	1,155.0	1,100.0	1,100.0	2,200.0	8,210.0
LOCAL FUNDING								
General Revenues			64.6	0.0	0.0	0.0	482.5	547.1
GR (General revenues - Local Funds)			6,930.0	7,050.0	7,100.0	7,100.0	12,900.0	41,080.0
SC (Service Charges - Local Funds)			3,150.0	3,150.0	3,150.0	3,150.0	5,200.0	17,800.0
Special Reserves			1,403.7	685.8	418.8	19.8	240.0	2,768.1
SUB-TOTAL LOCAL FUNDING		0.0	11,548.3	10,885.8	10,668.8	10,269.8	18,822.5	62,195.2
TOTAL		0.0	18,697.4	17,668.7	15,767.8	13,163.8	27,958.1	93,255.8
Notes: Revenue & cost estimates use an inflation rate of 3%								
STATUS OF PREVIOUS YEARS PROJECTS								
Projects Completed or Under Contract								